

What Is Claimed Is:

1. A device for impact sensing having at least one pressure sensor (1 through 5), a processor (8) being connectable to the at least one pressure sensor (1 through 5) in such a way that the processor (8) performs the impact sensing as a function of a signal from the at least one pressure sensor (1 through 5), wherein the signal is preprocessed in such a way that the signal is normalized to a predefined pressure.

2. The device as recited in Claim 1, wherein the signal is normalized to an ambient pressure.

3. The device as recited in Claim 2, wherein an additional sensor is provided to detect the ambient pressure.

4. The device as recited in Claim 3, wherein the at least one pressure sensor (1 through 5) is located in a largely enclosed part, while the additional sensor is outside of that part.

5. The device as recited in Claim 1 or 2, wherein a memory (9) is provided to supply the ambient pressure.

6. The device as recited in Claim 1 or 2, wherein a sensor element (1) of the at least one pressure sensor is designed in such a way that the sensor element (1) emits the normalized signal.

7. The device as recited in Claim 1 or 2, wherein the pressure sensor (1-5) is designed for normalization of the signal.

8. The device as recited in Claim 1 or 2,  
wherein the processor (8) is configured for normalization of  
the signal.